

Abstract of the Disclosure

SASH FOR LAND GRID ARRAYS

1 A conductive sash is etched around the periphery of a land grid array
2 interconnection on a carrier for dense integrated circuit connections. If the array
3 comprises more than one module or module chip domain, the conductive sash is also
4 positioned between the modules. The dimensions of the sash are such that it is
5 slightly larger than a frame of an interposer or other electrical connector which is
6 placed upon the array. In this fashion, the interposer or other electrical connector
7 rests upon the sash and provides protection against particulate and gaseous
8 contamination of the array. Preferably, the sash is manufactured along with the
9 array of electrical interconnections of the carrier, and during the manufacture the
10 sash provides more homogeneous current density to the outer interconnections of
11 the array during component processing which in turn provides more predictable and
12 consistent surface topography of the carrier and permits more uniform mechanical
13 loading of the interposer or other connector onto the array when assembled.